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# FAX TRANSMISSION

DATE: July 25, 2007

PTO IDENTIFIER: Application Number 09/866,557  
Patent Number

Inventor: Hammond et al.

MESSAGE TO: US Patent and Trademark Office

FAX NUMBER: (571) 273-8300

FROM: FISH & NEAVE IP GROUP, ROPES & GRAY LLP  
Yu Lu, Ph.D., J.D.

PHONE: (617) 951-7268

Attorney Dkt. #: CSHL-P02-010

PAGES (Including Cover Sheet): 30

CONTENTS: Fee Transmittal (1 page)  
Supplemental Information Disclosure Statement (2 pages)  
Form PTO/SB/08 (6 References) (1 page)  
Copy of International Search Report from PCT/US2005/042488 (4 pages)  
Copies of References CG2-CJ2 (20 pages)  
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**JUL 25 2007**

PTQ/SB/97 (09-04)

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Application No. (if known): 09/866,557

Attorney Docket No.: CSHL-P02-010

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Fee Transmittal (1 page)  
Supplemental Information Disclosure Statement (2 pages)  
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**JUL 25 2007**

PTO/SB/17 (04-07)

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<p>Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it displays a currently valid control number.</p> <p>Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).</p> <p><b>FEE TRANSMITTAL</b> <b>For FY 2007</b></p> <p><input type="checkbox"/> Applicant claims small entity status. See 37.CFR 1.27</p>		<p><b>Complete if Known</b></p> <p>Application Number      09/866,557</p> <p>Filing Date                May 24, 2001</p> <p>First Named Inventor     Scott Hammond</p> <p>Examiner Name            S. McGarry</p> <p>Art Unit                    1635</p> <p>Attorney Docket No.     CSHL-P02-010</p>	
<p><b>TOTAL AMOUNT OF PAYMENT</b></p>		<p><b>(\$)</b>    180.00</p>	

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FEE CALCULATION																						
1. BASIC FILING, SEARCH, AND EXAMINATION FEES																						
Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)															
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)																
Utility	300	150	500	250	200	100																
Design	200	100	100	50	130	65																
Plant	200	100	300	150	160	80																
Reissue	300	150	500	250	600	300																
Provisional	200	100	0	0	0	0																
2. EXCESS CLAIM FEES																						
Fee Description	Fee (\$)	Small Entity Fee (\$)																				
Each claim over 20 (including Reissues)	50	25																				
Each independent claim over 3 (including Reissues)	200	100																				
Multiple dependent claims	360	180																				
<table border="0" style="width:100%"> <tr> <td><u>Total Claims</u></td> <td><u>Extra Claims</u></td> <td><u>Fee (\$)</u></td> <td><u>Fee Paid (\$)</u></td> <td><u>Multiple Dependent Claims</u></td> </tr> <tr> <td>    =</td> <td>x</td> <td>=</td> <td></td> <td></td> </tr> <tr> <td colspan="3"></td> <td><u>Fee (\$)</u></td> <td><u>Fee Paid (\$)</u></td> </tr> </table>								<u>Total Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	<u>Multiple Dependent Claims</u>	=	x	=						<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
<u>Total Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	<u>Multiple Dependent Claims</u>																		
=	x	=																				
			<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>																		
HP = highest number of total claims paid for, if greater than 20																						
<table border="0" style="width:100%"> <tr> <td><u>Indep. Claims</u></td> <td><u>Extra Claims</u></td> <td><u>Fee (\$)</u></td> <td><u>Fee Paid (\$)</u></td> </tr> <tr> <td>    =</td> <td>x</td> <td>=</td> <td></td> </tr> </table>								<u>Indep. Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	=	x	=								
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=	x	=																				
HP = highest number of independent claims paid for, if greater than 3.																						
3. APPLICATION SIZE FEE																						
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).																						
<u>Total Sheets</u>	<u>Extra Sheets</u>	<u>Number of each additional 50 or fraction thereof</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>																		
- 100 =	/50 =	(round up to a whole number) x	=																			
4. OTHER FEE(S)																						
Non-English Specification, \$130 fee (no small entity discount)				<u>Fees Paid (\$)</u>																		
Other (e.g., late filing surcharge): 1806 Submission of an Information Disclosure Statement				180.00																		

SUBMITTED BY			
Signature		Registration No. (Attorney/Agent)	50,306 Telephone (617) 951-7268
Name (Print/Type)	Yu Lu, Ph.D., J.D.		Date July 25, 2007

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Date: 07/05/07 Signature: Scott Whittemore (Scott Whittemore)

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Dated: 07/25/07

Signature:

(Scott Whittemore)

Docket No.: CSHL-P02-010  
(PATENT)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Hammond et al.

Application No.: 09/866,557

Confirmation No.: 4804

Filed: May 24, 2001

Art Unit: 1635

For: METHODS AND COMPOSITIONS FOR  
RNA INTERFERENCE

Examiner: S. McGarry

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (IDS)

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Supplemental Information Disclosure Statement is filed after the mailing date of the first Office Action on the merits but before the mailing date of a Final Office Action or Notice of Allowance (37 CFR 1.97(c)).

In accordance with 37 CFR 1.98(a)(2)(ii), Applicants have not submitted copies of U.S. patents and U.S. patent applications. Applicants submit herewith copies of the non-patent references, CG2-CJ2, in accordance with 37 CFR 1.98(a)(2).

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Application No.: 09/866,557

Docket No.: CSHL-P02-010

Applicants also enclose herewith a copy of the International Search Report from PCT/US2005/042488 (Attorney Docket No.: CSHL-PW2-010).

In accordance with 37 CFR 1.97(g), the filing of this Supplemental Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Supplemental Information Disclosure Statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Supplemental Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

Please charge our Deposit Account No. 18-1945 in the amount of \$180.00 covering the fee set forth in 37 CFR 1.17(p). The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 18-1945, under Order No. CSHL-P02-010.

Dated: July 25, 2007

Respectfully submitted,

By 

Yu Lu, Ph.D., J.D.

Registration No.: 50,306

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Attorneys/Agents For Applicant

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Used in Lieu of PTO/SB/08A/B  
(Based on PTO 04-07 version)

Substitute for form 1449/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				Application Number	09/866,557
				Filing Date	May 24, 2001
				First Named Inventor	Scott Hammond
				Art Unit	1635
				Examiner Name	S. McGarry
Sheet	1	of	1	Attorney Docket Number	CSHL-P02-010

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AI	US-6,130,092	10-10-2000	Lieber et al.	
	AJ	US-20020086356-A1	07-04-2002	Tuschi et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> CITE NO. Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>2</sup> Applicant's unique citation designation number (optional). <sup>3</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>4</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>7</sup> Applicant is to place a check mark here if English language Translation is attached

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
	CG2	JORGENSEN <i>et al.</i> , "An RNA-Based Information Superhighway in Plants," <i>Science</i> , 279:1486-1487 (1998).		
	CH2	LINGEL, <i>et al.</i> , "Nucleic acid 3'-end recognition by the Argonaute2 PAZ domain," <i>Nature Structural &amp; Molecular Biology</i> , 11(6):576-577 (2004).		
	CI2	PADDISON, <i>et al.</i> , "Cloning of short hairpin RNAs for gene knockdown in mammalian cells," <i>Nature Methods</i> , 1(2):163-167 (2004).		
	CJ2	ZHANG, <i>et al.</i> , "Single Processing Center Models for Human Dicer and Bacterial RNase III," <i>Cell</i> , 118:57-68 (2004).		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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